

EVENT GUIDE

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LNG 2023

VANCOUVER



10-13 JULY

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SOCIAL MEDIA

Connect with us on social media to stay up to date with all event highlights and to share your own LNG2023 experiences.



@ClubLNG



@ClubLNG



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Event Hashtag: #LNG2023



WELCOME



On behalf of LNG2023 host organization, the Canadian Gas Association (CGA), I warmly welcome you to Vancouver, British Columbia.

A major participant in the LNG industry, British Columbia is also home to more than 200 First Nations, some of whom are actively involved in LNG development, and LNG2023 will be held on the traditional lands of the Musqueam, Squamish, and Tsleil-Waututh Nations.

The CGA is excited to be hosting international dialogue, technologies and discussions focused on fuelling the affordable, reliable, cleaner, and more prosperous future that LNG promises.

The conference program features a powerful mix of more than 250 international speakers who will present timely technical, commercial, and strategic challenges and opportunities.

The entire LNG value chain is covered in the conference's six key topic areas, represented in a range of program sessions, including leadership dialogues, forum discussions, plenary sessions, and poster presentations.

You can explore the businesses, technologies, and future of LNG at the extensive conference exhibition, featuring more than 250 international exhibitors. LNG2023's open and friendly environment provides you with the perfect opportunity to connect in person, learn, collaborate, and do business.

Thank you for attending and let's get together in Fuelling a Secure Energy Future.

A handwritten signature in blue ink, appearing to read 'Mel Ydreos', with a long, sweeping underline.

Menelaos (Mel) Ydreos
Executive Director LNG2023



Welcome to LNG2023 in Vancouver that includes our conference on the water, so fitting for what is essentially a maritime industry.

LNG is faced with complex and sometimes conflicting expectations that include a role in energy security and indeed in supplying growing energy demand, while avoiding pollution in all its forms and remaining, all the while, affordable.

We believe resolution of these will benefit from the dialogue generated in our 4 days together. To facilitate this, we have endeavoured to build a conference that is broader and more interactive than ever before.

We hope you find this Event Guide a useful supplement to the event App and signage.

Here are my tips to get most out of the event:

- Download conference App, view the full programme and build your own agenda;
- Use the six coloured themes to match sessions to your interests;
- If you are not sure which of the breakout sessions to join, the Autumn Sessions (211-214) could be thought of as our “centre court”, housing sessions that polled high in our surveys;
- Interact with the speakers. Questions may be asked in advance of the sessions via the App, orally from the session floor, or after the session. For the latter, go to the ‘Meet the Speaker’ corner after, just outside each session.

I would like to extend a special thank you to our Programme Committee members for their hard work and dedication on delivering an exemplary programme for LNG2023.

Philip Haggard
LNG2023 Programme Committee Chair



SUMMARY OF CONFERENCE PROGRAMME

The full conference programme, including all papers, is available via the App. Take the opportunity now to explore our six key conference topics and design a programme scheduled around your interests.

● **LNG Markets, Energy Security and Decarbonisation**

Energy Security; Geopolitics; Global Markets; Emerging Markets; Energy Mix; Energy Transition; Decarbonisation; Regulation; ESG

● **Commercial Stimuli**

Market Forces; Commercial Risk; Project Finance; Pricing; Contracting; Cost Competitiveness; Partnerships

● **Operations and Best Practice**

Best Practice; Efficiencies; Carbon Mitigation Technologies; Safety and Reliability

● **Upstream/Midstream Gas Production, Processing, Liquefaction**

Liquefaction Technology and Equipment; Offshore LNG; Large Capital Project Delivery

● **Shipping, Marine Operations and Terminals**

LNG Shipping; LNG Transfer; FSRUs; Terminals, Bunkering and Regasification Infrastructure; LNG as a Marine Fuel

● **Downstream Infrastructure and Applications**

Industrial Application; Power Generation; LNG as a Transportation Fuel; ssLNG; Application for Hydrogen; Cold Energy



HEAR FROM INDUSTRY LEADERS IN A RANGE OF SESSION TYPES

Leadership Dialogue

Focused, interview-style discussions featuring accomplished industry leaders looking closely at the latest issues of the day as they pertain to LNG.

Plenary Sessions

High-level, globally relevant sessions where the industry's most senior leaders - CEO's, Ministers and top executives - share their views on the key opportunities and challenges in the LNG sector.

Spotlight Sessions

Interactive debates between the audience and senior-level executives from top energy companies on the most important commercial and strategic topics.

Paper Presentations

Sessions that draw directly from the experience of LNG industry experts and are a chance to observe first-hand the development of cutting-edge projects globally, learn about best practices and see the latest innovations.

Forums In-depth discussions on an important industry topic where there is a diversity of views. These will be interactive sessions allowing the audience to participate in the debate.

DISCOVERY HUB

The Discovery Hub is the home to 40+ specialist papers selected by the Programme Committee as requiring more discussion with a more selective audience around an interactive poster. These will be available throughout the event, with the possibility for delegates to engage with the speaker either by appointment via the App or at the "Discovery Hub Live" event.

The Discovery Hub Live on Tuesday, 11 July at 16:45 will be an opportunity to meet the posters' authors, ask questions and dive deeper into the topics presented. Attendees can use this one-on-one time with presenters to learn more, and talk through the implications of the presented work.

CONFERENCE PROGRAMME

LEGEND / LOCATIONS

● **Plenary, Leadership Dialogue, Keynotes, Ceremonies** East Exhibition Hall A

● **Registration** West Level 1

● **Training Sessions** West Level 3

○ **Networking Break / Lunch**
Monday & Tuesday: West Level 1 & 2
Wednesday: West Exhibition Level
Thursday: Lunchbox Collection from Ballroom A

○ **Functions**
Arrival Cocktails
Welcome Reception
LNG2026 Welcome with QatarEnergy
LNG2023 Networking Reception

■ **Spring Sessions**
West Level 1, Rooms 118-120

■ **Summer Sessions**
West Level 1, Rooms 121-122

■ **Autumn Sessions**
West Level 2, Rooms 211-214

■ **Winter Sessions**
West Level 2, Rooms 220-222

CONFERENCE PROGRAMME TOPICS:

- LNG markets, Energy Security and Decarbonisation
- Operations and Best Practice
- Commercial Stimuli
- Upstream/Midstream Gas Production, Processing, Liquefaction
- Shipping, Marine Operations and Terminals
- Downstream Infrastructure and Applications

ABBREVIATIONS:

LD: Leadership Dialogue	PL: Plenary	SL: Spotlight Sessions
PP: Paper Presentations	F: Forum	

*Conference Programme is correct at time of printing. Subject to change.

MONDAY 10 JULY

07:00 - 16:30
REGISTRATION OPEN West Level 1

09:30 Exhibition Open

09:30 - 10:00
Networking Break East Ballroom A & B



10:00 - 11:00
Opening Ceremony, Acknowledgement of the Traditional Lands

11:00 - 11:15
LD.01 Leadership Dialogue with Jason Klein, CEO - LNG Canada

11:15 - 11:30
LD.02 Leadership Dialogue with Crystal Smith, Chair, First Nations LNG Alliance; Chief Councillor, Haisla Nation

11:30 - 12:30
PL.01 The Effect of Geopolitical Risk and Market Volatility on LNG Commercial Activity

12:30 - 13:45
Networking Lunch West Level 1 & 2

13:45 - 14:45 Spotlight Sessions

SL.03	SL.01	SL.02	SL.04
Measuring up to the Methane Challenge 	Financing the Next Wave of LNG Market Growth - Securing Project Financing 	LNG's Role in Europe's Long-Term Energy Security 	Innovation in LNG Terminals and FSRUs

14:45 - 15:15
Networking Break West Level 1 & 2



15:15 - 16:45 Paper Presentations

PP.03	PP.01	PP.02	PP.04
Liquefaction Operations: Digitalisation, Maintenance and Optimisation 	Commercial Trends Across the LNG Value Chain - Cost, Finance, Hedging and Risk Sharing 	Current Dynamics of the Global Supply and Demand Market 	Innovations in LNG Storage Design: FSRU and More

17:30 Exhibition Close

18:00 - 19:30
Welcome Reception East Exhibition Hall A



TUESDAY 11 JULY

07:00 - 16:30
REGISTRATION OPEN West Level 1

07:30 - 08:00 Networking Break West Level 1



08:00 - 09:15 Paper Presentations

PP.05

● ● ● ● ●
FLNG and LNG Projects from Design to Operation

09:30 Exhibition Open

09:30 - 10:30
P.02 Challenges of a Turbulent Energy Transition

10:30 - 10:45
Keynote Address Hon. M.P. Randy Boissonnault, Minister of Tourism & Associate Minister of Finance, Government of Canada

10:45 - 11:00
LD.03 Leadership Dialogue with H.E. Saad Sherida al-Kaabi Minister of Energy, Qatar; President and CEO, QatarEnergy

11:00 - 11:30 Networking Break East Ballroom A & B



11:30 - 12:30
PL.03 LNG's Role in the Energy Trilemma

12:30 - 13:45 Networking Lunch West Level 1 & 2

13:45 - 14:45 Spotlight Sessions

SL.06	SL.08	SL.07	SL.05
Natural Gas and the Future Economy ● ● ● ● ●	The Regulatory Forces Shaping the LNG/Natural Gas Market Landscape ● ● ● ● ●	Reconciliation & Canadian LNG: Indigenous Energy Leadership on the World Stage ● ● ● ● ●	The Forecast and Appetite for Investment in LNG Projects ● ● ● ● ●

14:45 - 15:15 Networking Break West Level 1 & 2



15:15 - 16:45 Paper Presentations & Forums

F.02	F.03	F.01	PP.06
Repurposing LNG Assets for Low Carbon Energy Supply ● ● ● ● ●	Advances in Safe, Efficient & Socially Responsible LNG Operations ● ● ● ● ●	Global LNG Trade in a World of Multiple Market Forces ● ● ● ● ●	Canadian LNG: Opportunities and Challenges ● ● ● ● ●

16:45 - 17:45 Discovery Hub Live West Exhibition Level

17:30 Exhibition Close

WEDNESDAY 12 JULY

07:30 - 16:30

REGISTRATION OPEN West Level 1

08:30 - 09:00 Networking Break East Ballroom A & B



09:00 - 09:15

LD.04 Leadership Dialogue with Madam Li Yalan, President, International Gas Union

09:15 - 10:15

PL.04 Growth of LNG through Innovative Partnerships and Cooperation

09:30 Exhibition Open

10:15 - 11:15

PL.05 Fuelling the LNG Innovation Agenda

11:15 - 11:45 Networking Break West Level 1 & 2



11:45 - 13:15 Paper Presentations & Forums

PP.09	PP.08	F.04	PP.07
Solutions for a Sustainable LNG Value Chain ● ●	Advances in LNG Carrier Design and LNG Fuelled Ships ●	Decarbonisation of Natural Gas Liquefaction: Design Options ●	Digital Twin Case Studies from Around the World ● ●

13:15 - 14:30 Networking Lunch West Exhibition Level

14:30 - 15:30 Spotlight Sessions

SL.10	SL.09	SL.11	SL.12
The Interrelationship between Geopolitics and LNG Trade Flows ●	Presentation of the IGU's World LNG Report 2023 ● ● ● ● ●	Enabling the Transition to Hydrogen/Ammonia ● ● ●	Increasing Efficiencies and Reducing Environmental Impact ● ● ● ● ●

15:30 - 16:00 Networking Break West Level 1 & 2



16:00 - 17:30 Paper Presentations

PP.13	PP.11	PP.12	PP.10
Challenges of Optimising Modern LNG Facilities - Floating, Electric, Mid-scale ●	Regional Reports from Import and Export Markets ●	Import Terminal Innovation: Regasification, LNG Cold Energy Utilization... ● ●	Best Practices for Dealing with Feed Gas Contaminants in Liquefaction ● ●

17:30 Exhibition Close

17:45 - 18:15

LNG2026 Welcome with QatarEnergy West Level 1, Ballroom Foyer



18:15 - 19:15

LNG2023 Networking Reception West Level 1, Ballroom Foyer

THURSDAY 13 JULY

07:30 - 12:00
REGISTRATION OPEN West Level 1

07:30 - 08:00 Networking Break West Level 2



08:00 - 09:15 Paper Presentations

P.14

Innovation in Liquefaction
Processes and Equipment



PP.15

Developments in LNG Cargo
Handling and Shipping Logistics



09:15 - 10:15 Spotlight Sessions

SL.16

Small and
Micro-Scale LNG of
the Future



SL.13

The Role of LNG in
Meeting Nationally
Determined
Contributions



SL.15

Market and
Commercial Innovation
- Pricing, Indexation



SL.14

Progress in Ground
and Rail Transporta-
tion LNG Applica-
tions



09:30 Exhibition Open

10:15 - 10:45 Networking Break West Level 1 & 2



10:45 - 12:15 Paper Presentations & Forums

PP.18

New Approaches
to Modular
Construction



PP.16

Measuring and
Reducing Emissions in
the LNG Supply Chain



F.05

Evolution of LNG
Pricing and Risk in a
Changing Market



PP.17

Downstream
Applications of
LNG as a Fuel and
Other Innovations



12:15 - 12:30

Keynote Address Hon. Danielle Smith, Premier of Alberta; Minister of Intergovernmental
Relations, Government of Alberta

12:30 - 13:30

PL.06 LNG2023 Conclusions and Looking Towards LNG2026

13:30 - 14:00
Closing Ceremony

14:00 Lunch



Wi-Fi is available to conference delegates in all LNG2023 hosted spaces at the Vancouver Convention Centre.

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Earn GTI Energy Professional Development Hours at LNG2023

Beyond gaining a wealth of networking opportunities, insightful keynotes, and technical sessions, your participation in LNG2023 will also earn you GTI Energy Professional Development Hours (PDHs).

PDHs are vital for maintaining and enhancing your professional skills, keeping up to date with industry trends, and demonstrating your commitment to lifelong learning. Each LNG2023 conference session you attend not only offers valuable insights but also contributes to your professional development portfolio.

Whether you're working towards a certification, license renewal, or simply committed to professional growth, LNG2023 will serve as a springboard for your career advancement. By attending, you are making an investment in yourself and your future, and GTI Energy is delighted to contribute to that journey.

At the conclusion of the event, a notification will be sent out to attendees detailing how to receive PDHs for the technical sessions attended.

GTI Energy is a leading research and training organization. Our trusted team works to scale impactful solutions that shape energy transitions by leveraging gases, liquids, infrastructure, and efficiency. We embrace systems thinking, open learning, and collaboration to develop, scale, and deploy the technologies needed for low-carbon, low-cost energy systems.



GTI ENERGY

FUNCTIONS

Arrival Cocktails

Date: Sunday, 9 July

Time: 17:30 - 19:00

Location:

West Level 2,

Ocean Foyer & Terrace

Dress code: Smart Casual

Kick off your LNG2023 experience by connecting with other delegates in a relaxed environment overlooking the breathtaking harbour and mountains surrounding the VCC.

Welcome to Canada

Date: Monday, 10 July

Time: 18:00 - 19:30

Location:

Exhibition Hall A - East Building

Dress code: Business

Showcasing the best of Canada across the 4 seasons; this event will be a highlight of your LNG2023 experience. Don't miss this opportunity to experience a myriad of authentic Canadian hospitality thanks to:



Bennett Jones



CANADA'S OIL & NATURAL GAS PRODUCERS



LNG2026 Welcome with QatarEnergy

Date: Wednesday, 12 July

Time: 17:45 – 18:15

Location:

Ballroom Foyer,

Level 1 West Building

Dress code: Business

Want a sneak peak of what to expect in Qatar at LNG2026? Enjoy traditional Qatari delicacies and entertainment while you are transported to the Souq Waqif in Doha thanks to our next host.

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LNG2023 Networking Reception

Date: Wednesday, 12 July

Time: 18:15 – 19:15

Location:

Ballroom Foyer & West Pacific Terrace

Level 1 West Building

Dress code: Business

Enjoy your final evening networking opportunity at LNG2023. Join us to establish new business relationships and strengthen existing ones.

EVENT APP

The LNG2023 Event App, brought to you by our Global Sponsors Cheniere and Tellurian, will be an essential tool to help you navigate the event.

The App contains the programme for the week, speaker profiles, all papers and posters, exhibition layout, exhibiting company profiles, networking functions details and so much more.

Use the official LNG2023 App to chat and schedule meetings with fellow attendees and industry experts.

HOW TO DOWNLOAD

Download the **Cvent** app to your phone from Play Store or App Store or use the QR codes below:



Scan QR code
to download the
LNG2023 App
sponsored by

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HOW TO LOG IN

1. Open Cvent app and search for "LNG2023" event
2. Log in using your first name, last name and email address you used to register for the show.
3. To verify your account, you will need to enter a code sent to your email (please check your SPAM folder) or mobile.

ONCE LOGGED IN

Depending on your registration type you will have access to different features e.g. floor plans, full programme, speaker bios, exhibitor list as well as creating your own personalised schedule for the show.

APP FEATURES AVAILABLE TO ALL ATTENDEES:

- Event information
- Daily News

APP BENEFITS FOR CONFERENCE DELEGATES:

- View attendee list
- Message fellow attendees
- Schedule meetings
- Manage your schedule
- View speaker profiles, papers and posters



APP HELPDESK

If you require help or advice with regards to the App, please speak to our staff at the App Helpdesk located at the main event registration on West Level 1, City Foyer – West Building or email info@lng2023.org.

GENERAL INFORMATION

Access to the Conference and Exhibition

Every time an attendee enters LNG2023 they will be asked to present **government issued photo ID** at security. This can be in the form of a passport (all nationalities), or driver's license (Canada and United States only).

All attendees, including accompanying persons, are required to wear their badge AT ALL TIMES during LNG2023 - this includes social functions. Attendees will only be able to access the areas of the event relevant to their participation as shown on their badge.

Accommodation

Please see the MCI team located at the registration desk or email LNG@mcievents.com for support.

Charging Station

A Charging Lounge is located at Stand 141 in the Exhibition Level Hall.

Cloakroom

A Cloak Room is open for all delegates in West Level 1, City Foyer from 07:30 daily. It will close at 20:30 Monday and Wednesday, 18:30 Tuesday and 12:30 Thursday.

Conference Refreshments

Morning tea, lunch and afternoon tea are provided to all conference delegates. Please note you need to wear your badge to access these areas.

Dress Code

Business attire is requested for attendance at the conference, exhibition, technical tours and all networking functions except the Arrival Cocktails on Sunday where smart casual is encouraged.

Emergency Procedures

In case of emergency, please follow the instructions given to you by security and venue staff.

LNG Show Daily

Remember to view your complimentary copy of the LNG2023 Daily News every day this week for exclusive event news, in-depth industry reporting and interviews. The Daily News, produced by Natural Gas World, the Official Media Partner of the event, is available on the LNG2023 Event App.

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NATURAL GAS WORLD

Luggage Room

A Luggage Room will be open outside Ballroom A in the East Convention Level on Thursday, 13 July for conference delegates leaving Vancouver directly after the conference. It will be operational between 07:30 and 15:00.

Media Centres and Press Rooms

Thanks to Tellurian dedicated Media Centres and Press Rooms are located at:

- West Building - Room 109 Level 1
- West Building - Room 110 Level 1
- East Building - Exhibition Hall B



GENERAL INFORMATION

Medical Support

First Aid is located on West Level 1 at the entrance of the Exhibition space opposite registration and in the East Building Lobby on convention level.

Mobile Phones

Conference attendees are asked to please turn phones off, or to silent mode, during sessions.

Mothers Rooms

A peaceful and private Mothers Room is located on West Level 1, City Foyer.

Opening Hours

Please refer to the conference programme on pages 8 - 12 schedule for the daily exhibition, conference, and function hours.

Photography

The organisers of LNG have professional photographers taking photos throughout the event. These images may be used in post-event reports, case studies, marketing collateral and supplied to industry media. If you do not want your photo to be taken, please advise the photographer.

Prayer Room

Both male and female prayer rooms are located in West Exhibition Hall C. Please refer to the directional signage for further details.

Registration

All registrations must be made online before you enter the Vancouver Convention Centre. Once your online registration is approved you will receive a QR code confirmation to your smart phone which must be shown to security to gain entry to the venue.

Water Stations

Thanks to Tellurian, all conference delegates have been supplied with water bottles which can be filled up at multiple points across the East and West buildings of the VCC. Please see the floorplan for locations.



Wi-Fi

Wi-Fi is available to conference delegates in all LNG2023 hosted spaces at the Vancouver Convention Centre.

SSID: LNG2023 • Password: LNG2023#BC



Programme Committee

A very sincere and warm thank you to our Programme Committee who spent many tireless hours creating the outstanding educational and inspirational content of LNG2023.



LNG2023 FLOOR PLAN

LEGEND:



Water Fountains

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Bistro



Conference Delegate
Networking Break

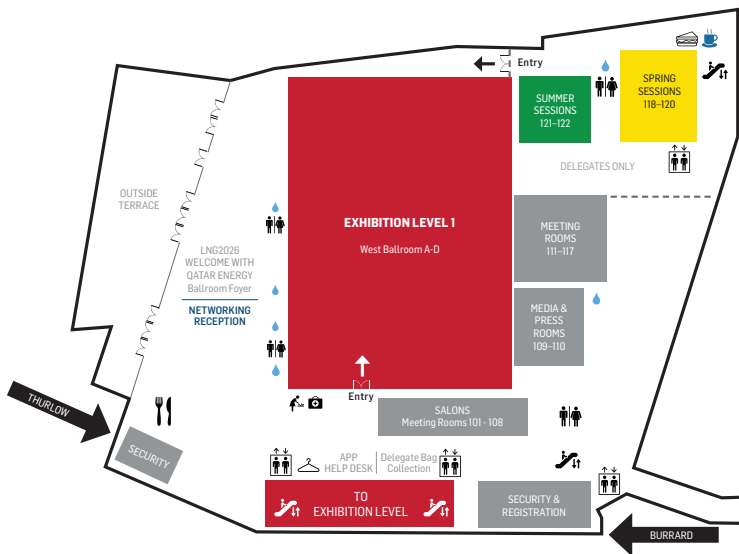
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Conference Delegate Networking Lunch



Cloakroom



WEST LEVEL 1

 **Luggage Room** Open Thursday, 13 July only

 **Male & Female Prayer Room**

 **Charging Station**

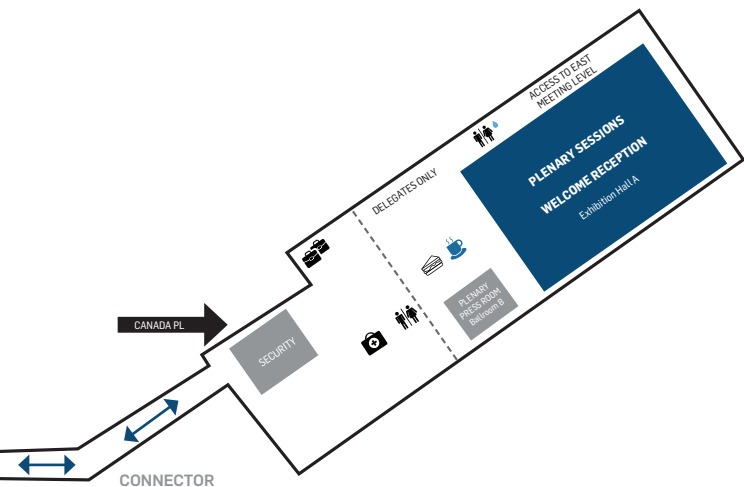
 **Mothers Room**

 **First Aid**

 **Toilet**

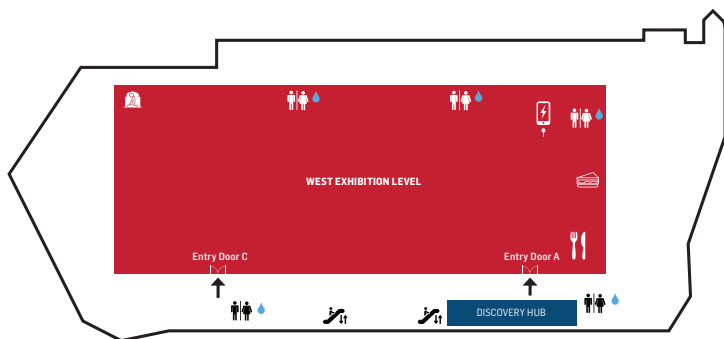
 **Lift**

 **Escalator**

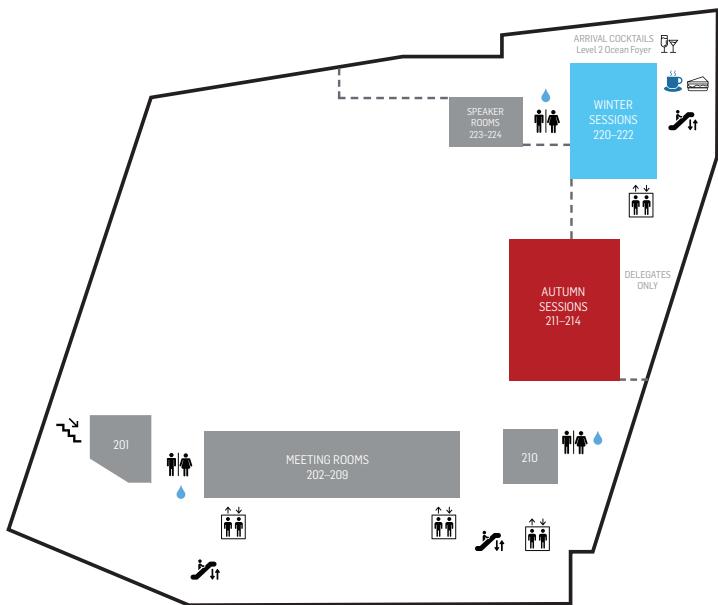


EAST LEVEL 1

LNG2023 FLOOR PLAN



WEST EXHIBITION LEVEL



WEST LEVEL 2

MEDIA PARTNERS

A huge thank you to our 35+ international media and industry partners for your support. You can find many of these publications around the event so please make sure to pick up your complimentary copies.

Official Media Partner



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Breaking News, Data & Events

PROFILE



As a leading energy infrastructure company with global reach, we are uniquely positioned to help accelerate the transition to a cleaner energy future, and we're doing it in ways that are ethical, sustainable and socially responsible. Our 11,000-member team is united in our mission to be the first choice for energy delivery in North America and beyond for our customers, communities, investors, regulators and policymakers, and employees. We're committed to reducing the carbon footprint of the energy we deliver, and to achieving net-zero greenhouse gas emissions by 2050.

To learn more visit enbridge.com.



Partner of choice: Scale, scope, sustainability.

We take pride in being a world-class developer and operator of energy infrastructure. We're focused on a more sustainable energy future – building strong, collaborative relationships with customers, communities and Indigenous groups, and reducing emissions towards our target of net zero.

With a continental natural gas transmission network extending nearly 32,187 km, we're uniquely positioned to play a leading role in enabling Gulf Coast and Canadian LNG exports to rapidly growing global markets.

Visit us at **Booth 227**, Exhibition level.

